

A P T **INVEREX**[®]

AXPERT 3KW VM II SOLAR INVERTER
AXPERT 3KW VM II SOLAR INVERTER

- Pure sine wave solar inverter
- Selectable charging current
- Wide PV input range
- Selectable input voltage range for home appliances
- Configurable AC/Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function



NEW GENERATION UPGRADE



SPECIFICATIONS

MODEL	Axpert 3KW VM II	Axpert 5KW VM II
CAPACITY	3000VA / 3000W	5000VA / 5000W
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230VAC \pm 5%	
Surge Power	6000VA	10000VA
Efficiency (Peak)	90% ~ 93%	
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	63 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	MPPT
Maximum PV Array Open Circuit	500 VDC	500 VDC
Maximum PV Array Power	4000W	4000W
MPP Range @ Operating	120 ~ 450 VDC	120~ 450VDC
Maximum Solar Charge Current	80A	80A
Maximum AC Charge Current	60A	60A
Maximum Charge Current	80A	80A
PHYSICAL		
Dimension, D X W X H (mm)	100 x 300 x 440	
Net Weight (kgs)	9.0	10
Communication Interface	USB/RS232	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	

* Product specifications are subject to change without further notice